

ABSTRACT OF THE DISCLOSURE

The present invention provides methods of identifying new carcinoma oncogenes or analyzing functions of known carcinoma oncogenes by transformation of RK3E cells. Also provided are methods of using nuclear localization of Krüppel-like factor 4 (KLF4, or termed Gut-Enriched Krüppel-Like Factor, GKLf) as a marker and prognostic factor for aggressive early-stage breast carcinoma.